

INTERNATIONAL SEARCH REPORT

Inter Application No
PCT/GB2004/005374

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 E04H17/26

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 E04H B65H

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 360 984 B1 (ENGLAND PHILLIP T) 26 March 2002 (2002-03-26)	1-4, 8-11, 15, 18, 20-23
A	column 2, line 29 - column 4, line 8; figures 1-6	12-14, 17, 19
A	DE 34 01 374 A1 (FISCHER, GUSTAV, 4712 WERNE, DE) 25 July 1985 (1985-07-25)	1-5, 8, 10-12, 15, 18-23
	page 6, line 15 - page 10, line 29; figures 1-9	
A	FR 2 830 562 A (MAHLER BERNARD) 11 April 2003 (2003-04-11)	1-4, 10, 12, 13, 18-20, 23
	page 4, line 5 - page 6, line 14; figures 1-5B	
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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- *A* document defining the general state of the art which is not considered to be of particular relevance
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- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the international search

14 April 2005

Date of mailing of the international search report

29/04/2005

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Intern

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 163 634 A (MOON ET AL) 17 November 1992 (1992-11-17) cited in the application column 3, line 45 - column 5, line 14; figures 2-8	1-4, 10, 12-14, 20, 21, 23
A	US 4 775 114 A (FARNSWORTH ET AL) 4 October 1988 (1988-10-04) column 3, line 38 - column 6, line 6; figures 1-11	1-4, 10, 20-23

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No
PCT/GB2004/005374

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 6360984	B1	26-03-2002	NONE	
DE 3401374	A1	25-07-1985	DE 3507543 A1	04-09-1986
FR 2830562	A	11-04-2003	FR 2830562 A1	11-04-2003
US 5163634	A	17-11-1992	NONE	
US 4775114	A	04-10-1988	US 4854521 A	08-08-1989